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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/587,270	06/05/2000	Pasi Loukas		8475

7590

08/06/2004

Pasi Loukas  
Kemintie 969  
Rovaniemi, 96700  
FINLAND

EXAMINER
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HA, DAC V

ART UNIT	PAPER NUMBER
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2634

DATE MAILED: 08/06/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/587,270

Applicant(s)

LOUKAS, PASI

Examiner

Dac V. Ha

Art Unit

2634

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –  
Period for Reply

### A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 24 May 2004.
- 2a) ☐ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 4-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 4-16 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This application is in condition for allowance except for the following formal matters:

Claims 4-16 are objected to because of the following informalities:

Claim 4:

Line 3, "said transmission" should be changed to "the transmission".

Lines 3-4, "said impulses" should be changed to "the impulses".

Line 4, "the respective value" should be changed to "a respective value".

Claim 5:

Line 3, "wherein data" should be changed to "wherein the data".

Line 3, "said wavelength encoding" should be changed to "wavelength encoding".

Claim 6:

Line 2, "the wavelength" should be changed to "a wavelength".

Line 2, "the time difference" should be changed to "a time difference".

Claim 7:

Line 6, "said channel" should be changed to "said reception channel".

Line 7, "said amplified impulses" should be changed to "the amplified impulses".

Line 7, "the reception channels" should be changed to "reception channels".

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Line 8, "the assigned impulse type" should be changed to "an assigned impulse type".

Line 9, "said most intense amplified impulse" should be changed to "the most intense amplified impulse".

Claim 8:

Line 2, "the cue" should be changed to "a cue".

Claim 9:

Line 4, "said allocation" should be changed to "the allocation".

Claim 12:

Line 3, "said devices" should be changed to "the devices".

Line 4, "said transmission" should be changed to "the transmission".

Line 6, "the wavelength" should be changed to "a wavelength".

Line 6, "said impulses" should be changed to "the impulses".

Claim 14:

Line 3, "said devices" should be changed to "the devices".

Claim 15:

Line 3, "said allocation" should be changed to "the allocation".

Line 3, "the overlapping transmissions" should be changed to "an overlapping transmissions".

Claim 16:

Line 3, "the ability" should be changed to "an ability".

Line 4, "the needed transmission power" should be changed to "a need transmission power".

Appropriate correction is required.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

#### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dac V. Ha whose telephone number is 703-306-5536. The examiner can normally be reached on 5/4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Chin can be reached on 703-305-4714. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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A handwritten signature in black ink, appearing to read 'Dac V. Ha', written over a horizontal line.

Dac V. Ha  
Examiner  
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